

Appl. No. 09/821,953  
Atty. Docket No. 7973MR  
Amdt. dated July 15, 2004  
Reply to Final Rejection of June 18, 2004

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-37 (*Cancelled*)

Claim 38. (*Currently Amended*) A cleaning sheet comprising:

- (a) a macroscopically three-dimensional substrate having a first outward surface and a second outward surface, wherein at least one of said outward surfaces has a macroscopic three dimensional texture, said macroscopic three dimensional texture being defined by peaks and valleys wherein said textured outward surface has an Average Height Differential of at least about 0.5 mm; and
  - (b) a polymeric additive selected from the group consisting of pressure sensitive adhesive, tacky polymer, and mixtures thereof;
- wherein said polymeric additive is incorporated onto said substrate at a level of from about 0.1 g/m<sup>2</sup> to about 10.0 g/m<sup>2</sup>.

Claim 39. (*Original*) The cleaning sheet of Claim 38, wherein said polymeric additive is incorporated onto said substrate at a level of from about 0.3 g/m<sup>2</sup> to about 6.0 g/m<sup>2</sup>.

Claim 40. (*Original*) The cleaning sheet of Claim 39, wherein said polymeric additive is incorporated onto said substrate at a level of from about 0.5 g/m<sup>2</sup> to about 4.0 g/m<sup>2</sup>.

Claim 41. (*Original*) The cleaning sheet of Claim 38, wherein said polymeric additive is a pressure sensitive adhesive comprising:

- (a) an adhesive polymer;
- (b) optionally, a tackifying resin;
- (c) optionally, a plasticizer; and
- (d) optionally, a component selected from the group consisting of diluents, stabilizers, antioxidants, colorants, fillers, and mixtures thereof.

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**Claim 42. (*Original*)** The cleaning sheet of Claim 38, wherein said polymeric additive is a tacky polymer selected from the group consisting of: polyisobutylene polymers, alkyl methacrylate polymers, polyalkyl acrylates, and mixtures thereof.

**Claims 43-64. (*Cancelled*)**

**Claim 65. (*Currently Amended*)** The cleaning sheet of claim ~~[[64]]~~ 38 wherein said textured outward surface has an Average Height Differential of at least about 1 mm.

**Claim 66. (*Previously Presented*)** The cleaning sheet of claim 65 wherein said textured outward surface has an Average Height Differential of at least about 1.5 mm

**Claim 67. (*Previously Presented*)** The cleaning sheet of claim 38 wherein said textured outward surface has a Surface Topography Index of from about 0.01 to about 10.

**Claim 68. (*Previously Presented*)** The cleaning sheet of claim 67 wherein said textured outward surface has a Surface Topography Index of from about 0.1 to about 5.

**Claim 69. (*Previously Presented*)** The cleaning sheet of claim 38 wherein said textured outward surface has an Average Peak to Peak distance of at least about 1 mm.

**Claim 70. (*Previously Presented*)** The cleaning sheet of claim 69 wherein said textured outward surface has an Average Peak to Peak Distance of from about 1 to about 20 mm.

**Claim 71. (*Previously Presented*)** The cleaning sheet of claim 38 wherein said substrate comprises at least one layer of a nonwoven material.

**Claims 72-73. (*Cancelled*)**

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- Claim 74. (*Currently Amended*)** The cleaning sheet of claim ~~[[73]]~~ 90 wherein said Average Height Differential is at least about 0.4 mm.
- Claim 75. (*Previously Presented*)** The cleaning sheet of claim 74 wherein said Average Height Differential is at least about 0.6 mm.
- Claim 76. (*Currently Amended*)** The cleaning sheet of claim 75 wherein said raised regions have a rounded parallelogram shape in ~~the X-Y dimension~~ a plan view.
- Claim 77. (*Currently Amended*)** The cleaning sheet of claim ~~[[72]]~~ 90 wherein said recessed regions form a continuous pattern in the X-Y dimension.
- Claim 78. (*Previously Presented*)** The cleaning sheet of claim 77 wherein said continuous recessed pattern includes channels having a width from about 0.25 mm to about 10 mm.
- Claim 79. (*Previously Presented*)** The cleaning sheet of claim 78 wherein the width of said channels is from about 1 mm to about 8 mm.
- Claim 80. (*Previously Presented*)** The cleaning sheet of claim 77 wherein said polymeric additive is applied to said continuous pattern.
- Claim 81. (*Currently Amended*)** The cleaning sheet of claim ~~[[72]]~~ 90 wherein said outward surface including said raised regions and said recessed regions forms a working face of said cleaning sheet.
- Claim 82. (*Previously Presented*)** The cleaning sheet of claim 81 wherein said recessed regions of said working face form a continuous pattern in the X-Y dimension.
- Claim 83. (*Previously Presented*)** The cleaning sheet of claim 82 wherein said polymeric additive is applied to said continuous pattern.

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Claim 84. (*Cancelled*)

Claim 85. (*Currently Amended*) The cleaning sheet of claim ~~[[84]]~~ 83 wherein said textured outward surface has an Average Height Differential of at least about 0.4 mm.

Claim 86. (*Previously Presented*) The cleaning sheet of claim 85 wherein said textured outward surface has an Average Height Differential of at least about 0.6 mm.

Claim 87. (*Currently Amended*) The cleaning sheet of ~~claim 38~~ claim 90 wherein said substrate comprises at least one layer of a nonwoven material.

Claim 88. (*Previously Presented*) The cleaning sheet of claim 81 wherein said cleaning sheet is folded such that said working face faces outwardly.

Claim 89. (*Previously Presented*) The cleaning sheet of claim 86 wherein said recessed regions form pockets for trapping large particulates present on a floor surface when said floor surface is wiped with said working face of said cleaning sheet.

Claim 90. (*New*) A cleaning sheet comprising:

- (a) a macroscopically three-dimensional substrate having a first outward surface and a second outward surface, wherein at least one of said outward surfaces has a macroscopic three dimensional texture including a non-random macroscopic pattern including raised regions and recessed regions wherein said outward surface including said non-random macroscopic pattern has an Average Height Differential of at least about 0.2 mm; and
- (b) a polymeric additive selected from the group consisting of pressure sensitive adhesive, tacky polymer, and mixtures thereof;

wherein said polymeric additive is incorporated onto said substrate at a level of from about 0.1 g/m<sup>2</sup> to about 10.0 g/m<sup>2</sup>.

Claim 91. (*New*) The cleaning sheet of Claim 90, wherein said polymeric additive is incorporated onto said substrate at a level of from about 0.3 g/m<sup>2</sup> to about 6.0 g/m<sup>2</sup>.

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**Claim 92. (New)** The cleaning sheet of Claim 91, wherein said polymeric additive is incorporated onto said substrate at a level of from about  $0.5 \text{ g/m}^2$  to about  $4.0 \text{ g/m}^2$ .

**Claim 93. (New)** The cleaning sheet of Claim 90, wherein said polymeric additive is a pressure sensitive adhesive comprising:

- (e) an adhesive polymer;
- (f) optionally, a tackifying resin;
- (g) optionally, a plasticizer; and
- (h) optionally, a component selected from the group consisting of diluents, stabilizers, antioxidants, colorants, fillers, and mixtures thereof.

**Claim 94. (New)** The cleaning sheet of Claim 90, wherein said polymeric additive is a tacky polymer selected from the group consisting of: polyisobutylene polymers, alkyl methacrylate polymers, polyalkyl acrylates, and mixtures thereof.